

## 1. Datenbank: Derwent Patente

L4 ANSWER 1 OF 2 WPIDS COPYRIGHT 2000 DERWENT INFORMATION LTD FAMILY 1  
 AN 1997-225974 [20] WPIDS  
 CR 1996-077275 [08]  
 DNC C1997-072398  
 TI Oligopeptide(s) recognised and cleaved by free prostate specific antigen -  
 useful in assays for active antigen, and in oligopeptide-drug conjugates  
 for prostatic cancer treatment.  
 DC B04  
 IN DEFEO-JONES, D; FENG, D; GARSKY, V M; JONES, R E; OLIFF, A I  
 PA (MERI) MERCK & CO INC  
 CYC 74  
 PI WO 9712624 A1 19970410 (199720)\* EN 192p A61K038-00  
 RW: AT BE CH DE DK EA ES FI FR GB GR IE IT KE LS LU MC MW NL OA PT SD  
 SE SZ UG  
 W: AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE HU IL IS JP KG KR KZ  
 LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK TJ TM TR TT  
 UA US UZ VN  
 AU 9672034 A 19970428 (199733) A61K038-00  
 EP 853483 A1 19980722 (199833) EN A61K038-00  
 R: AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE  
 AU 9864763 A 19980723 (199841)# C07K007-06  
 JP 10512588 W 19981202 (199907) 256p C07K005-10  
 US 5866679 A 19990202 (199912) C07K005-09  
 AU 714288 B 19991223 (200011)# C07K007-06  
 ADT WO 9712624 A1 WO 1996-US15713 19961002; AU 9672034 A AU 1996-72034  
 19961002; EP 853483 A1 EP 1996-933210 19961002, WO 1996-US15713 19961002;  
 AU 9864763 A Div ex AU 1996-72034 19961002, AU 1998-64763 19980506; JP  
 10512588 W WO 1996-US15713 19961002, JP 1997-514360 19961002; US 5866679 A  
 CIP of US 1994-267092 19940628, CIP of US 1995-404833 19950315, CIP of US  
 1995-468161 19950606, US 1995-540412 19951006; AU 714288 B Div ex AU  
 1996-72034 19961002, AU 1998-64763 19980506  
 FDT AU 9672034 A Based on WO 9712624; EP 853483 A1 Based on WO 9712624; JP  
 10512588 W Based on WO 9712624; US 5866679 A CIP of US 5599686; AU 714288  
 B Div ex AU 689934, Previous Publ. AU 9864763  
 PRAI US 1995-540412 19951006; AU 1998-64763 19980506; US 1994-267092  
 19940628; US 1995-404833 19950315; US 1995-468161 19950606

L4 ANSWER 2 OF 2 WPIDS COPYRIGHT 2000 DERWENT INFORMATION LTD FAMILY 1  
 AN 1996-077275 [08] WPIDS  
 CR 1997-225974 [20]  
 DNC C1996-025534  
 TI New peptide substrates cleaved by prostate-specific antigen - also  
 cytotoxic conjugates for treating prostate cancer, and assay for  
 determination of PSA activity.  
 DC B04 D16  
 IN DEFEO-JONES, D; FENG, D; GARSKY, V M; JONES, R E; OLIFF, A I; DEFEOJONES,  
 D  
 PA (MERI) MERCK & CO INC  
 CYC 63  
 PI WO 9600503 A1 19960111 (199608)\* EN 142p A61K038-00  
 RW: AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE SZ UG  
 W: AM AU BB BG BR BY CA CN CZ EE FI GE HU IS JP KG KR KZ LK LR LT LV  
 MD MG MN MX NO NZ PL RO RU SG SI SK TJ TM TT UA US UZ  
 AU 9530922 A 19960125 (199617) C07K001-00  
 US 5599686 A 19970204 (199711) 37p C12Q001-37  
 NO 9605592 A 19970228 (199720) C07K007-06  
 FI 9605225 A 19970226 (199721) C07K000-00  
 CZ 9603810 A3 19970416 (199722) A61K038-04  
 EP 771209 A1 19970507 (199723) EN A61K038-00  
 R: AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE  
 SK 9601640 A3 19970604 (199733)  
 HU 76350 T 19970828 (199811) C07K001-00  
 JP 10502619 W 19980310 (199820) 181p C07K014-47  
 MX 9700043 A1 19970401 (199821) C07K001-00  
 AU 689934 B 19980409 (199827) C07K001-00  
 KR 97703780 A 19970809 (199836) A61K038-00  
 NZ 290239 A 19981125 (199903) C07K001-00  
 BR 9508151 A 19990330 (199919) C07K007-06  
 ADT WO 9600503 A1 WO 1995-US8156 19950607; AU 9530922 A AU 1995-30922  
 19950607; US 5599686 A US 1994-267092 19940628; NO 9605592 A WO  
 1995-US8156 19950607, NO 1996-5592 19961227; FI 9605225 A WO 1995-US8156  
 19950607, FI 1996-5225 19961227; CZ 9603810 A3 WO 1995-US8156 19950607, CZ  
 1996-3810 19950607; EP 771209 A1 EP 1995-926602 19950607, WO 1995-US8156  
 19950607; SK 9601640 A3 WO 1995-US8156 19950607, SK 1996-1640 19950607; HU  
 76350 T WO 1995-US8156 19950607, HU 1996-3564 19950607; JP 10502619 W WO  
 1995-US8156 19950607, JP 1996-503422 19950607; MX 9700043 A1 MX 1997-43  
 19970107; AU 689934 B AU 1995-30922 19950607; KR 97703780 A WO 1995-US8156  
 19950607, KR 1996-707514 19961228; NZ 290239 A NZ 1995-290239 19950607, WO  
 1995-US8156 19950607; BR 9508151 A BR 1995-8151 19950607, WO 1995-US8156  
 19950607  
 FDT AU 9530922 A Based on WO 9600503; CZ 9603810 A3 Based on WO 9600503; EP  
 771209 A1 Based on WO 9600503; HU 76350 T Based on WO 9600503; JP 10502619  
 W Based on WO 9600503; AU 689934 B Previous Publ. AU 9530922, Based on WO  
 9600503; KR 97703780 A Based on WO 9600503; BR 9508151 A Based on WO  
 9600503  
 PRAI US 1995-404833 19950315; US 1994-267092 19940628

## 2. Datenbank: Inpad c

## PATENT FAMILY INFORMATION

AN 42046103 INPADOC

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MEMBER 1  
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## LEVEL 1

AN 11429553 INPADOC  
TI NOVEL PEPTIDES  
IN DEBORAH DEFEO-JONES; DONG-MEI FENG; VICTOR M. GARSKY; RAYMOND E JONES;  
ALLEN I. OLIFF  
INS DEFEO-JONES DEBORAH; FENG DONG-MEI; GARSKY VICTOR M; JONES RAYMOND E;  
OLIFF ALLEN I  
PA MERCK & CO., INC.  
PAS MERCK & CO INC  
DT Patent  
PIT AUA1 COMP. SPEC. OPEN TO PUB. INSP.  
PI AU 9530922 A1 19960125  
AI AU 1995-30922 A 19950607  
PRAI US 1994-267092 A 19940628  
US 1995-404833 A 19950315  
WO 1995-US8156 W 19950607

## LEVEL 2

AN 11429553 INPADOC EW 199823 UW 199823  
TI NOVEL PEPTIDES  
IN DEBORAH DEFEO-JONES; DONG-MEI FENG; VICTOR M. GARSKY; RAYMOND E. JONES;  
ALLEN I. OLIFF  
INS DEFEO-JONES DEBORAH; FENG DONG-MEI; GARSKY VICTOR M; JONES RAYMOND E;  
OLIFF ALLEN I  
PA MERCK & CO., INC.  
PAS MERCK & CO INC  
DT Patent  
PIT AUB2 PATENT (APP. ADVERTISED ACCEPTED)  
PI AU 689934 B2 19980409  
AI AU 1995-30922 A 19950607  
PRAI US 1994-267092 A 19940628  
US 1995-404833 A 19950315  
WO 1995-US8156 W 19950607

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MEMBER 2  
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## LEVEL 1

AN 12156481 INPADOC  
TI NOVEL PEPTIDES  
IN DEBORAH DEFEO-JONES; DONG-MEI FENG; VICTOR M. GARSKY; RAYMOND E JONES;  
ALLEN I. OLIFF  
INS DEFEO-JONES DEBORAH; FENG DONG-MEI; GARSKY VICTOR M; JONES RAYMOND E;  
OLIFF ALLEN I  
PA MERCK & CO., INC.  
PAS MERCK & CO INC  
DT Patent

PIT AUA1 COMP. SPEC. OPEN TO PUB. INSP.  
PI AU 9672034 A1 19970428  
AI AU 1996-72034 A 19961002  
PRAI US 1995-540412 A 19951006  
WO 1996-US15713 W 19961002

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MEMBER 3  
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LEVEL 1  
AN 47023681 INPADOC EW 199826 UW 199826  
TI NEW PEPTIDES  
IN DEFEO-JONES, DEBORAH; FENG, DONG-MEI; GARSKY, VICTOR M.; JONES, RAYMOND E.; OLIFF, ALLEN I.  
INS DEFEO-JONES DEBORAH; FENG DONG-MEI; GARSKY VICTOR M; JONES RAYMOND E; OLIFF ALLEN I  
INA US; US; US; US; US  
PA MERCK & CO INC  
PAS MERCK & CO INC  
PAA US  
TL English  
DT Patent  
PIT BGA PUBLISHED PATENT APPLICATION  
PI BG 101077 A 19980227  
AI BG 1996-101077 A 19961227  
PRAI WO 1995-US8156 W 19950607  
US 1994-267092 A 19940628  
US 1995-404833 A 19950315

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MEMBER 4  
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LEVEL 1  
AN 111612161 INPADOC ED 19990812 EW 199931 UP 19990812 UW 199931  
TI OLIGOPEPTIDEO TESTES PARA DETERMINAR A ATIVIDADE PROTEOLITICA DE ANTIGENO LIVRE ESPECIFICO PARA PROSTATA EM UMA AMOSTRA E PARA IDENTIFICAR COMPOSTOS QUE INIBEM ATIVIDADE PROTEOLITICA DE ANTIGENO ESPECIFICO PARA PROSTATA E CONJUGADO  
IN DONG-MEI FENG; VICTOR M. GARSKY; RAYMOND E. JONES; ALLEN I. OLIFF; DEBORAH DEFEO-JONES  
INS FENG DONG-MEI; GARSKY VICTOR M; JONES RAYMOND E; OLIFF ALLEN I; DEFEO-JONES DEBORAH  
PA MERCK & CO., INC.  
PAS MERCK & CO INC  
PAA US  
DT Patent  
PIT BRA UNEXAMINED PATENT APPLICATION  
PI BR 9508151 A 19990330  
AI BR 1995-8151 A 19950607  
PRAI US 1995-404833 A 19950315  
US 1994-267092 A 19940628  
WO 1995-US8156 W 19950607

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MEMBER 5  
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LEVEL 1

AN 30987265 INPADOC  
TI NOVEL PEPTIDES  
IN DEFEO-JONES, DEBORAH; FENG, DONG-MEI; GARSKY, VICTOR M.; JONES, RAYMOND E.; OLIFF, ALLEN I.  
INS DEFEO-JONES DEBORAH; FENG DONG-MEI; GARSKY VICTOR M; JONES RAYMOND E; OLIFF ALLEN I  
INA US; US; US; US; US  
PA MERCK & CO., INC.  
PAS MERCK & CO INC  
PAA US  
TL English  
LA English  
DT Patent  
PIT CAAA LAID-OPEN APPLICATION  
PI CA 2192957 AA 19960111  
AI CA 1995-2192957 A 19950607  
PRAI US 1994-267092 A 19940628  
US 1995-404833 A 19950315

## LEGAL STATUS

AN 30987265 INPADOC  
19961213 CAREFWP ? CORRESPONDS TO PCT APPLICATION  
WO 9600503 P

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MEMBER 6  
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## LEVEL 1

AN 49309633 INPADOC EW 199848 UW 199848  
TI NOVEL PEPTIDES  
IN GARSKY, VICTOR M.; JONES, RAYMOND E.; OLIFF, ALLEN I.; FENG, DONG-MEI; DEFEO-JONES, DEBORAH  
INS GARSKY VICTOR M; JONES RAYMOND E; OLIFF ALLEN I; FENG DONG-MEI; DEFEO-JONES DEBORAH  
INA US; US; US; US; US  
PA MERCK & CO., INC.  
PAS MERCK & CO INC  
PAA US  
TL English; French  
LA English  
DT Patent  
PIT CAAA LAID-OPEN APPLICATION  
PI CA 2233272 AA 19970410  
AI CA 1996-2233272 A 19961002  
PRAI US 1995-540412 A 19951006

## LEGAL STATUS

AN 49309633 INPADOC  
19980327 CAREFWP ? CORRESPONDS TO PCT APPLICATION  
WO 9712624 P

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MEMBER 7  
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LEVEL 1

AN 47206161 INPADOC EW 199827 UW 199827  
TI NOVEL PEPTIDES  
IN DEFEO-JONES; FENG DONGMEI; V. M. GARSKY  
INS DEFEO-JONES; DONGMEI FENG; GARSKY V M  
INA US; US; US  
PA MERCK & CO., INC.  
PAS MERCK & CO INC  
PAA US  
TL English  
DT Patent  
PIT CNA UNEXAMINED APPLIC. OPEN TO PUBLIC INSPECTION  
PI CN 1156964 A 19970813  
AI CN 1995-194855 A 19950607  
PRAI US 1994-267092 A 19940628  
US 1995-404833 A 19950315

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MEMBER 8  
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## LEVEL 1

AN 43481873 INPADOC  
TI OLIGOPEPTIDES, CONJUGATES CONTAINING THEM AND METHOD OF DETERMINING  
PROTEOLYTIC EFFICIENCY OF FREE ANTIGEN  
IN DEFEO-JONES DEBORAH; FENG DONG-MEI; GARSKY VICTOR M.; JONES RAYMOND E.;  
OLIFF ALLEN I.  
INS DEFEO-JONES DEBORAH; FENG DONG-MEI; GARSKY VICTOR M; JONES RAYMOND E;  
OLIFF ALLEN I  
INA US; US; US; US; US  
PA MERCK & CO.  
PAS MERCK & CO INC  
PAA US  
TL English  
DT Patent  
PIT CZA3 PATENT APPLICATION  
PI CZ 9603810 A3 19970416  
AI CZ 1996-3810 A 19950607  
PRAI US 1994-267092 A 19940628  
US 1995-404833 A 19950315

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MEMBER 9  
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## LEVEL 1

AN 14614595 INPADOC  
TI NOVEL PEPTIDES  
IN DEFEO-JONES, DEBORAH; FENG, DONG-MEI; GARSKY, VICTOR M.; JONES, RAYMOND  
E.; OLIFF, ALLEN I.  
INS DEFEO-JONES DEBORAH; FENG DONG-MEI; GARSKY VICTOR M; JONES RAYMOND E;  
OLIFF ALLEN I  
INA US; US; US; US; US  
PA MERCK & CO., INC. (A NEW JERSEY CORP.)  
PAS MERCK & CO INC A NEW JERSEY CO

PAA US  
TL English; French; German  
LA English  
DT Patent  
PIT EPA2 PUBL. OF APPLICATION WITHOUT SEARCH REPORT  
PI EP 771209 A2 19970507  
DS R: AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE  
AI EP 1995-926602 A 19950607  
PRAI WO 1995-US8156 W 19950607  
US 1994-267092 A 19940628  
US 1995-404833 A 19950315

## LEGAL STATUS

AN 14614595 INPADOC  
19940628 EPAA A PRIORITY (PATENT APPLICATION)  
US 1994-267092 A 19940628  
19950315 EPAA A PRIORITY (PATENT APPLICATION)  
US 1995-404833 A 19950315  
19950607 EPAA W PCT-APPLICATION  
WO 1995-US8156 W 19950607  
19950607 EPAE A EP-APPLICATION  
EP 1995-926602 A 19950607  
19970507 EPAK A2 + DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT  
SEARCH REPORT:  
AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE  
19970507 EPAX + EXTENSION OF THE EUROPEAN PATENT TO  
SI PAYMENT 970128  
19970507 EPA2 + PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT

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MEMBER 10  
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## LEVEL 1

AN 25955699 INPADOC EW 199830 UW 199830  
TI NOVEL PEPTIDES  
IN DEFEO-JONES, DEBORAH; FENG, DONG-MEI; GARSKY, VICTOR, M.; JONES, RAYMOND,  
E.; OLIFF, ALLEN, I.  
INS DEFEO-JONES DEBORAH; FENG DONG-MEI; GARSKY VICTOR M; JONES RAYMOND E;  
OLIFF ALLEN I  
INA US; US; US; US; US  
PA MERCK & CO., INC.  
PAS MERCK & CO INC  
PAA US  
TL English; French; German  
LA English  
DT Patent  
PIT EPA1 PUBL. OF APPLICATION WITH SEARCH REPORT  
PI EP 853483 A1 19980722  
DS R: AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE  
AI EP 1996-933210 A 19961002  
PRAI WO 1996-US15713 W 19961002  
US 1995-540412 A 19951006

## LEGAL STATUS

AN 25955699 INPADOC  
19951006 EPAA A PRIORITY (PATENT APPLICATION)

19961002 EPAA	W	US 1995-540412	A	19951006
		PCT-APPLICATION		
19961002 EPAE	A	WO 1996-US15713	W	19961002
		EP-APPLICATION		
19980722 EPAK	AI +	EP 1996-933210	A	19961002
		DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:		
		AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE		
19980722 EPA1	+	PUBLICATION OF APPLICATION WITH SEARCH REPORT		
19980722 EP17P	+	REQUEST FOR EXAMINATION FILED		
		980506		

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MEMBER 11  
-----

## LEVEL 1

AN 24660435 INPADOC UW 199852  
 TI NYA PEPTIDER  
 IN DEFEO-JONES, DEBORAH; FENG, DONG-MEI; GARSKY, VICTOR M.; JONES, RAYMOND E.; OLIFF, ALLEN I.  
 INS DEFEO-JONES DEBORAH; FENG DONG-MEI; GARSKY VICTOR M; JONES RAYMOND E; OLIFF ALLEN I  
 INA US; US; US; US; US  
 PA MERCK & CO., INC.  
 PAS MERCK & CO INC  
 PAA US  
 TL Finnish; Swedish  
 DT Patent  
 PIT FIA UNEXAMINED APPLICATION OPEN TO PUBL. INSP.  
 PI FI 9605225 A 19970226  
 AI FI 1996-5225 A 19961227  
 PRAI US 1994-267092 A 19940628  
 US 1995-404833 A 19950315  
 WO 1995-US8156 W 19950607

## LEVEL 2

AN 24660435 INPADOC UW 199852  
 TI NYA PEPTIDER  
 IN DEFEO-JONES, DEBORAH; FENG, DONG-MEI; GARSKY, VICTOR M.; JONES, RAYMOND E.; OLIFF, ALLEN I.  
 INS DEFEO-JONES DEBORAH; FENG DONG-MEI; GARSKY VICTOR M; JONES RAYMOND E; OLIFF ALLEN I  
 INA US; US; US; US; US  
 PA MERCK & CO., INC.  
 PAS MERCK & CO INC  
 PAA US  
 TL Finnish; Swedish  
 DT Patent  
 PIT FIA0 APPLICATION FILED  
 PI FI 9605225 A0 19961227  
 AI FI 1996-5225 A 19961227  
 PRAI US 1994-267092 A 19940628  
 US 1995-404833 A 19950315  
 WO 1995-US8156 W 19950607

LEGAL STATUS



AN 24660435 INPADOC UPLS 19991028  
19950607 FIAE A ? New application filed  
FI 1995-5225 A 19950607

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MEMBER 12  
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## LEVEL 1

AN 30650596 INPADOC  
TI NOVEL PEPTIDES  
IN DEFEO-JONES,DEBORAH; FENG,DONG-MEI; GARSKY,VICTOR M.; JONES,RAYMOND E.;  
OLIFF,ALLEN I.  
INS DEFEO-JONES; FENG; GARSKY; JONES; OLIFF  
INA US; US; US; US; US  
PA MERCK & CO. INC.  
PAS MERCK & CO INC  
PAA US  
TL English  
DT Patent  
PIT HUA0 APPLICATION FOR PATENT  
PI HU 9603564A0 A0 19970228  
AI HU 1996-3564 A 19950607  
PRAI US 1994-267092 A 19940628  
US 1995-404833 A 19950315

## LEVEL 2

AN 30650596 INPADOC  
TI NOVEL PEPTIDES  
IN DEFEO-JONES,DEBORAH; FENG,DONG-MEI; GARSKY,VICTOR M.; JONES,RAYMOND E.;  
OLIFF,ALLEN I.  
INS DEFEO-JONES; FENG; GARSKY; JONES; OLIFF  
INA US; US; US; US; US  
PA MERCK & CO. INC.  
PAS MERCK & CO INC  
PAA US  
TL English  
DT Patent  
PIT HUA2 EXAMINED PATENT APPLICATION  
PI HU 76350 A2 19970828  
AI HU 1996-3564 A 19950607  
PRAI US 1994-267092 A 19940628  
US 1995-404833 A 19950315

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MEMBER 13  
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## LEVEL 1

AN 104935445 INPADOC EW 199816 UW 199816  
DT Patent  
PIT JPT2 PUBL. UNEXAM. PAT. APPL. BASED ON INTERNAT. APPL.  
PI JP 10502619 T2 19980310  
AI JP 1995-503422 A 19950607  
PRAI WO 1995-US8156 W 19950607  
US 1994-267092 A 19940628  
US 1995-404833 A 19950315

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MEMBER 14  
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## LEVEL 1

AN 109301509 INPADOC EW 199902 UW 199902  
DT Patent  
PIT JPT2 PUBL. UNEXAM. PAT. APPL. BASED ON INTERNAT. APPL.  
PI JP 10512588 T2 19981202  
AI JP 1996-514360 A 19961002  
PRAI WO 1996-US15713 W 19961002  
US 1995-540412 A 19951006

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MEMBER 15  
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## LEVEL 1

AN 12533862 INPADOC  
TI NYE PEPTIDER  
IN DEFEO-JONES, DEBORAH; FENG, DONG-MEI; GARSKY, VICTOR M.; JONES, RAYMOND E.; OLIFF, ALLEN I.  
INS DEFEO-JONES DEBORAH; FENG DONG-MEI; GARSKY VICTOR M; JONES RAYMOND E; OLIFF ALLEN I  
INA US; US; US; US; US  
PA MERCK & CO INC  
PAS MERCK & CO INC  
PAA US  
DT Patent  
PIT NOA UNEXAMINED APPLICATION OPEN TO PUBL. INSP.  
PI NO 9605592 A 19970228  
AI NO 1996-5592 A 19961227  
PRAI US 1995-404833 A 19950315  
WO 1995-US8156 W 19950607  
US 1994-267092 A 19940628

## LEVEL 2

AN 12533862 INPADOC  
TI NYE PEPTIDER  
IN DEFEO-JONES, DEBORAH; FENG, DONG-MEI; GARSKY, VICTOR M.; JONES, RAYMOND E.; OLIFF, ALLEN I.  
INS DEFEO-JONES DEBORAH; FENG DONG-MEI; GARSKY VICTOR M; JONES RAYMOND E; OLIFF ALLEN I  
INA US; US; US; US; US  
PA MERCK & CO INC  
PAS MERCK & CO INC  
PAA US  
DT Patent  
PIT NOA0 APPLICATION FILED  
PI NO 9605592 A0 19961227  
AI NO 1996-5592 A 19961227  
PRAI US 1995-404833 A 19950315  
WO 1995-US8156 W 19950607  
US 1994-267092 A 19940628

## MEMBER 16

## LEVEL 1

AN 43700902 INPADOC EW 199905 UW 199905  
TI PEPTIDES, OLIGOPEPTIDES WITH AMINO ACID SEQUENCES THAT ARE RECOGNISED AND  
PROTEOLYTICALLY CLEAVED BY FREE PROSTATE SPECIFIC ANTIGEN, ASSAYS AND  
MEDICAMENTS COMPRISING SUCH PEPTIDES  
IN DEFEO-JONES, DEBORAH; FENG, DONG-MEI; GARSKY, VICTOR M.; JONES, RAYMOND E;  
OLIFF, ALLEN I  
INS DEFEO-JONES DEBORAH; FENG DONG-MEI; GARSKY VICTOR M; JONES RAYMOND E;  
OLIFF ALLEN I  
PA MERCK & CO INC  
PAS MERCK & CO INC  
DT Patent  
PIT NZA COMP. SPECIFICATION ACCEPTED  
PI NZ 290239 A 19981125  
AI NZ 1995-290239 A 19950607  
PRAI US 1994-267092 A 19940628  
US 1995-404833 A 19950315  
WO 1995-US8156 W 19950607

## MEMBER 17

## LEVEL 1

AN 15812534 INPADOC  
TI NOVEL PEPTIDES  
IN DEFEO-JONES DEBORAH; FENG DONG-MEI; GARSKY VICTOR M.; JONES RAYMOND E.;  
OLIFF ALLEN I.  
INS DEFEO-JONES DEBORAH; FENG DONG-MEI; GARSKY VICTOR M; JONES RAYMOND E;  
OLIFF ALLEN I  
INA US; US; US; US; US  
PA MERCK & CO, INC  
PAS MERCK & CO INC  
PAA US  
TL English  
DT Patent  
PIT PLA1 APPLICATION  
PI PL 317872 AI 19970428  
AI PL 1995-317872 A 19950607  
PRAI US 1994-267092 A 19940628  
US 1995-404833 A 19950315

## MEMBER 18

## LEVEL 1

AN 23956982 INPADOC  
TI OLIGOPEPTIDE AND A CONJUGATE CONTAINING IT  
IN DEFEO-JONES DEBORAH; FENG DONG-MEI; GARSKY VICTOR M.; JONES RAYMOND E.;  
OLIFF ALLEN I.  
INS DEFEO-JONES DEBORAH; FENG DONG-MEI; GARSKY VICTOR M; JONES RAYMOND E;  
OLIFF ALLEN I  
INA US; US; US; US; US

PA MERCK & CO., INC.  
PAS MERCK & CO INC  
PAA US  
TL English  
DT Patent  
PIT SKA3 PATENT APPLICATION  
PI SK 9601640 A3 19970604  
AI SK 1996-1640 A 19950607  
PRAI US 1994-267092 A 19940628  
US 1995-404833 A 19950315  
WO 1995-US8156 W 19950607

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MEMBER 19  
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## LEVEL 1

AN 36062359 INPADOC UW 199830  
TI PEPTIDES  
IN DEFEO-JONES, DEBORAH; GARSKY, VICTOR M.; JONES, RAYMOND E.; OLIFF, ALLEN I.  
INS DEFEO-JONES DEBORAH; GARSKY VICTOR M; JONES RAYMOND E; OLIFF ALLEN I  
INA US; US; US; US  
PA MERCK & CO., INC.  
PAS MERCK & CO INC  
PAA US  
DT Patent  
PIT USA UNITED STATES PATENT  
PI US 5599686 A 19970204  
AI US 1994-267092 A 19940628  
PRAI US 1994-267092 A 19940628

## LEGAL STATUS

AN 36062359 INPADOC  
19940628 USAE A APPLICATION DATA (PATENT)  
US 1994-267092 A 19940628  
19961104 USAS02 ASSIGNMENT OF ASSIGNOR'S INTEREST  
MERCK & CO., INC P.O. BOX 2000 RAHWAY, NEW JERSEY 07065-090  
\* DEFEO-JONES, DEBORAH : 19940805; GARSKY, VICTOR M :  
19940805; JONES, RAYMOND E. : 19940805; OLIFF, ALLEN I. :  
19940805  
19970204 USA PATENT  
19970715 USCC CERTIFICATE OF CORRECTION

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MEMBER 20  
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## LEVEL 1

AN 49501207 INPADOC EW 199908 UW 199927  
TI PEPTIDES  
IN DEFEO-JONES, DEBORAH; GARSKY, VICTOR M.; FENG, DONG-MEI; JONES, RAYMOND E.; OLIFF, ALLEN I.  
INS DEFEO-JONES DEBORAH; GARSKY VICTOR M; FENG DONG-MEI; JONES RAYMOND E;  
OLIFF ALLEN I  
INA US; US; US; US; US  
PA MERCK & CO., INC.

PAS MERCK & CO INC  
 PAA US  
 DT Patent  
 PIT USA UNITED STATES PATENT  
 PI US 5866679 A 19990202  
 AI US 1995-540412 A 19951006  
 PRAI US 1995-540412 A 19951006  
 US 1995-468161 A2 19950606  
 US 1995-404833 B2 19950315  
 US 1994-267092 A2 19940628  
 OSCA 130:167157

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AN 49501207 INPADOC UPLS 20000217  
 19940628 USAA A2 ? PRIORITY  
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 19950315 USAA B2 ? PRIORITY  
 US 1995-404833 B2 19950315  
 19950606 USAA A2 ? PRIORITY  
 US 1995-468161 A2 19950606  
 19951006 USAE A APPLICATION DATA (PATENT)  
 US 1995-540412 A 19951006  
 19971027 USAS02 ASSIGNMENT OF ASSIGNOR'S INTEREST  
 MERCK & CO., INC. RY 60-30 P.O. BOX 2000 RAHWAY, NEW JERSEY  
 07065-090 \* DEFEO-JONES, DEBORAH : 19951122; FENG, DONG-MEI  
 : 19951122; GARSKY, VICTOR M. : 19951122; JONES, RAYMOND E.  
 : 19951122;  
 19990202 USA PATENT  
 19990907 USCC CERTIFICATE OF CORRECTION

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 MEMBER 21  
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## LEVEL 1

AN 41178455 INPADOC UW 199830  
 TI NOVEL PEPTIDES  
 IN DEFEO-JONES, DEBORAH; FENG, DONG-MEI; GARSKY, VICTOR, M.; JONES, RAYMOND, E.; OLIFF, ALLEN, I.  
 INS DEFEO-JONES DEBORAH; FENG DONG-MEI; GARSKY VICTOR M; JONES RAYMOND E; OLIFF ALLEN I  
 INA US; US; US; US; US  
 PA MERCK & CO., INC.; DEFEO-JONES, DEBORAH; FENG, DONG-MEI; GARSKY, VICTOR, M.; JONES, RAYMOND, E.; OLIFF, ALLEN, I.  
 PAS MERCK & CO INC; DEFEO JONES DEBORAH; FENG DONG MEI; GARSKY VICTOR M; JONES RAYMOND E; OLIFF ALLEN I  
 PAA US; US; US; US; US; US  
 TL English; French  
 LA English  
 DT Patent  
 PIT WOA1 PUBL.OF THE INT.APPL. WITH INT.SEARCH REPORT  
 FDT with international search report  
 before expiration of time limit for amending the claims and to be republished in the event of the receipt of the amendments  
 PI WO 9600503 A1 19960111  
 DS RW: KE MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ  
 CF CG CI CM GA GN ML MR NE SN TD TG

W: AM AU BB BG BR BY CA CN CZ EE FI GE HU IS JP KG KR KZ LK LR LT LV MD  
 MG MN MX NO NZ PL RO RU SG SI SK TJ TM TT UA US US UZ  
 AI WO 1995-US8156 A 19950607  
 PRAI US 1995-404833 A 19950315  
 US 1994-267092 A 19940628  
 OSCA 124:220505  
 OSDW 96-077275

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AN 41178455 INPADOC  
 19940628 WOA A PRIORITY (PATENT)  
 US 1994-267092 A 19940628  
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 19950607 WOA A APPLICATION DATA  
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 LT LV MD MG MN MX NO NZ PL RO RU SG SI SK TJ TM TT UA US US  
 UZ  
 19960111 WOAL A1 + DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A  
 PUBLISHED APPLICATION WITH SEARCH REPORT  
 KE MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT  
 SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG  
 19960111 WOA1 + PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE  
 INTERNATIONAL SEARCH REPORT  
 19960222 WOB + LATER PUBLICATION OF AMENDED CLAIMS  
 19960404 WODFPE REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO  
 EXPIRATION OF 19TH MONTH FROM PRIORITY DATE  
 19960424 WO121 EP: PCT APP. ART. 158 (1)  
 19961213 WOENP AA ENTRY INTO THE NATIONAL PHASE IN:  
 CA 2192957 AA

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 MEMBER 22  
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## LEVEL 1

AN 42046103 INPADOC UW 199830  
 TI NOVEL PEPTIDES  
 IN DEFEO-JONES, DEBORAH; FENG, DONG-MEI; GARSKY, VICTOR, M.; JONES, RAYMOND,  
 E.; OLIFF, ALLEN, I.  
 INS DEFEO-JONES DEBORAH; FENG DONG-MEI; GARSKY VICTOR M; JONES RAYMOND E;  
 OLIFF ALLEN I  
 INA US; US; US; US; US  
 PA MERCK & CO., INC.; DEFEO-JONES, DEBORAH; FENG, DONG-MEI; GARSKY, VICTOR,  
 M.; JONES, RAYMOND, E.; OLIFF, ALLEN, I.  
 PAS MERCK & CO INC; DEFEO JONES DEBORAH; FENG DONG MEI; GARSKY VICTOR M;  
 JONES RAYMOND E; OLIFF ALLEN I  
 PAA US; US; US; US; US; US  
 TL English; French  
 LA English  
 DT Patent  
 PIT WOA1 PUBL.OF THE INT.APPL. WITH INT.SEARCH REPORT  
 FDT with international search report  
 PI WO 9712624 A1 19970410

DS RW: KE LS MW SD SZ UG AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
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 LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK TJ TM TR TT UA US  
 UZ VN AM AZ BY KG KZ MD RU TJ TM  
 AI WO 1996-US15713 A 19961002  
 PRAI US 1995-540412 A 19951006  
 OSDW 97-225974

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AN 42046103 INPADOC  
 19951006 WOAA A PRIORITY (PATENT)  
 US 1995-540412 A 19951006  
 19961002 WOAE A APPLICATION DATA  
 WO 1996-US15713 A 19961002  
 19970410 WOAK A1 + DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH  
 SEARCH REPORT  
 AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE HU IL IS JP KG  
 KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK  
 TJ TM TR TT UA US UZ VN AM AZ BY KG KZ MD RU TJ TM  
 19970410 WOAL A1 + DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A  
 PUBLISHED APPLICATION WITH SEARCH REPORT  
 KE LS MW SD SZ UG AT BE CH DE DK ES FI FR GB GR IE IT LU MC  
 NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG  
 19970410 WOA1 + PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE  
 INTERNATIONAL SEARCH REPORT  
 19970703 WODFPE REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO  
 EXPIRATION OF 19TH MONTH FROM PRIORITY DATE  
 19970730 WO121 EP: PCT APP. ART. 158 (1)  
 19980327 WOENP AA ENTRY INTO THE NATIONAL PHASE IN:  
 CA 2233272 AA